

FIG. 1A

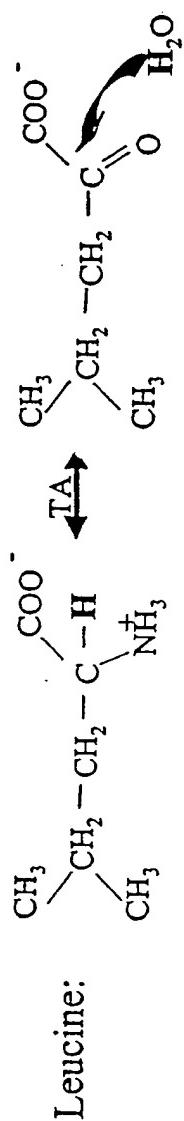


FIG. 1B

H_2^{18}O Labeling of Free Amino Acid for Protein Synthesis

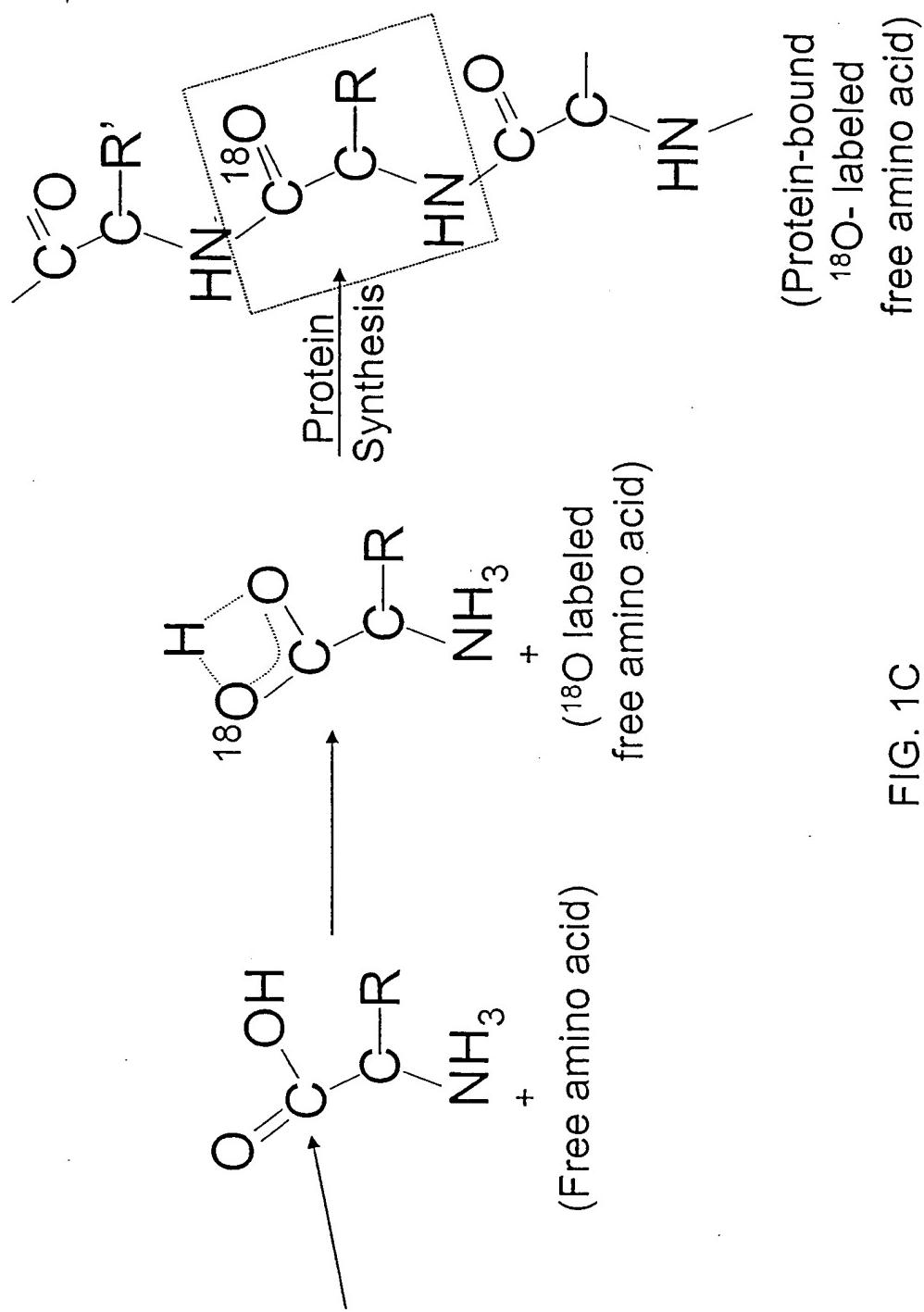


FIG. 1C

Incorporation of deuterium from water into deoxyribose (dR) of DNA

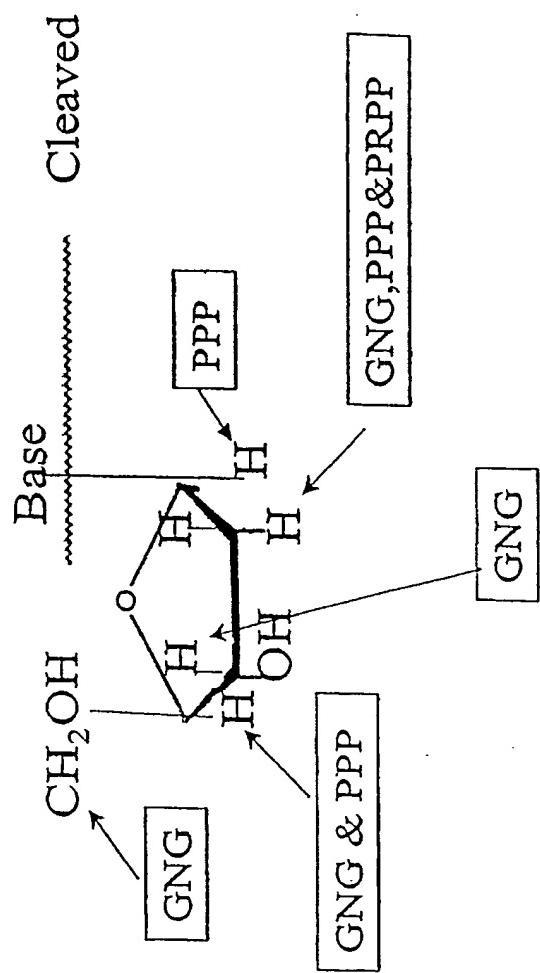


FIGURE 2

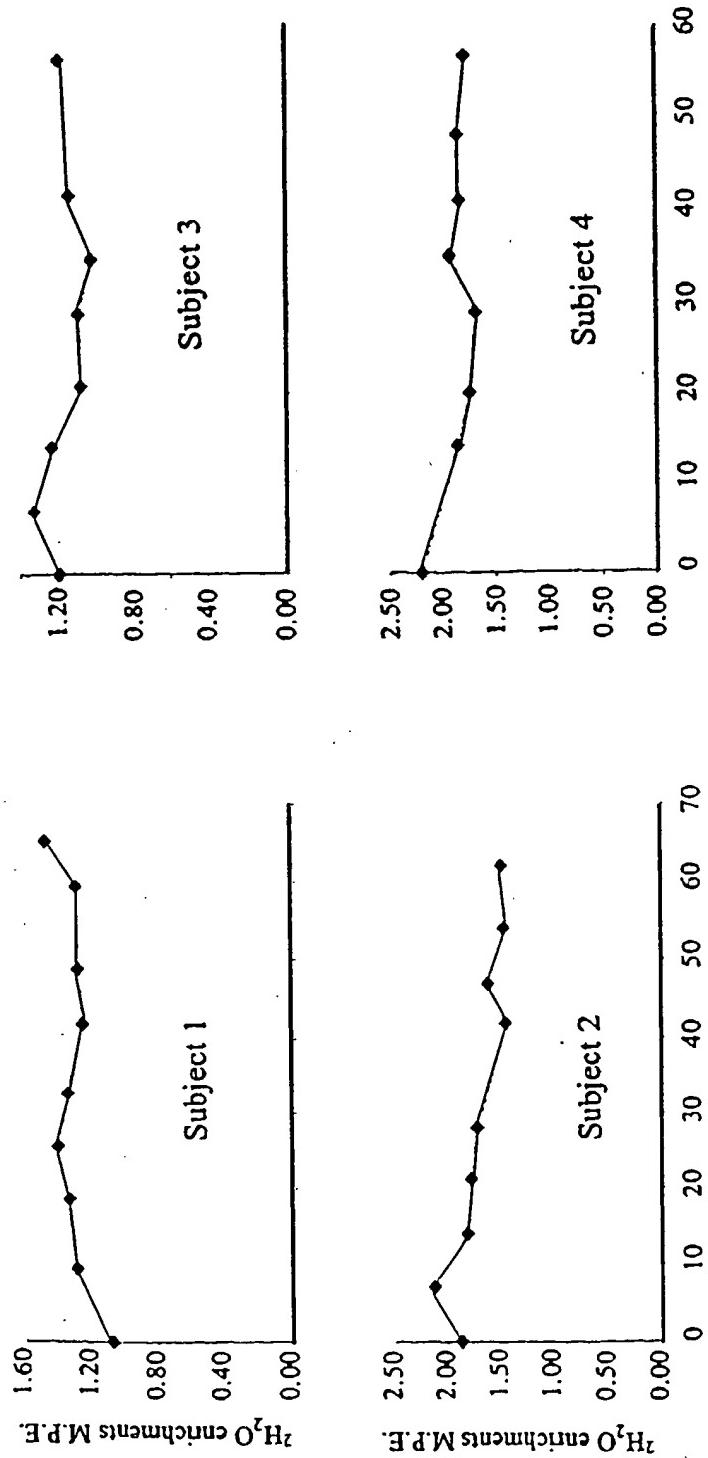
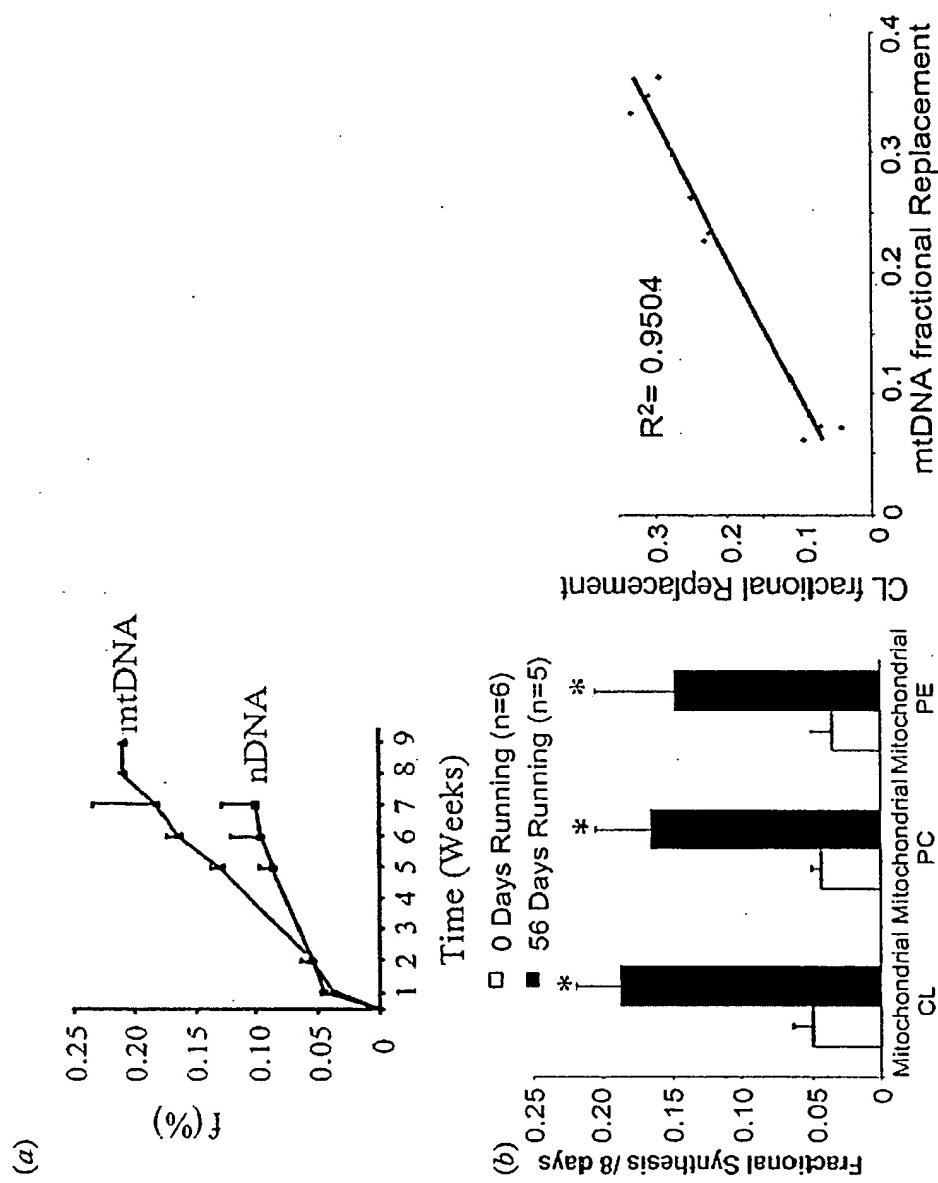


FIG. 3

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**FIG. 4****Best Available Copy**

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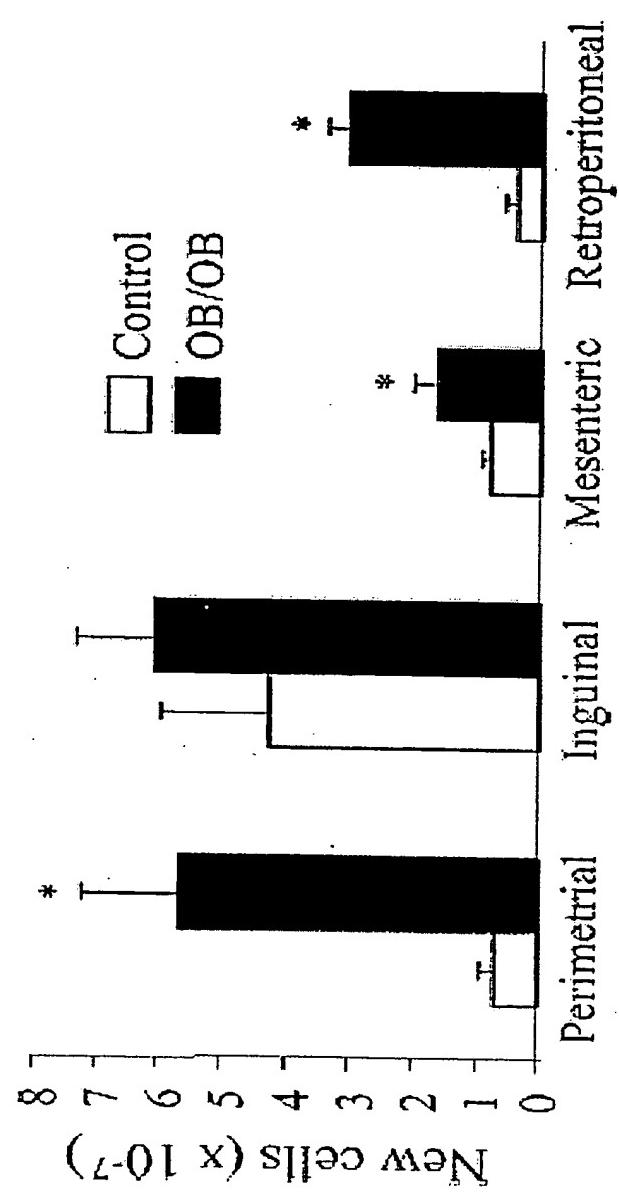
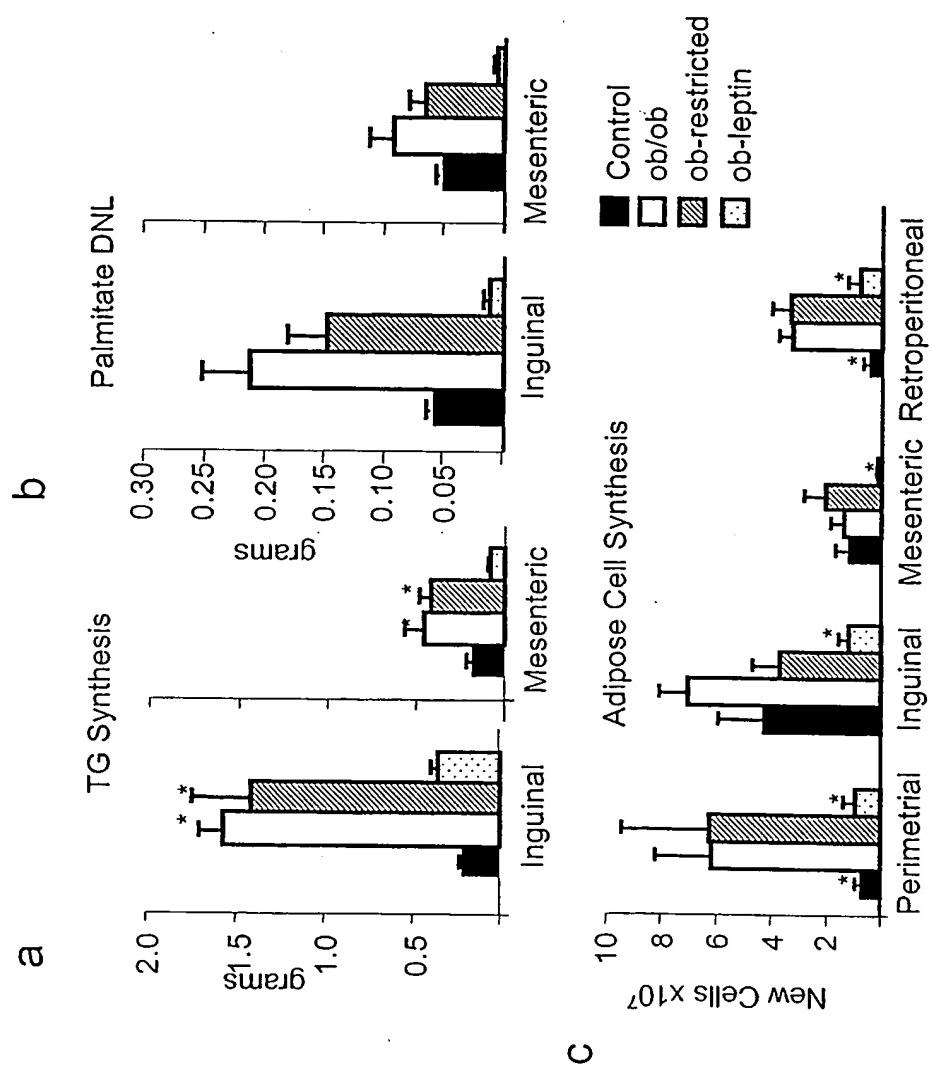


FIG. 5

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**FIG. 6****Best Available Copy**

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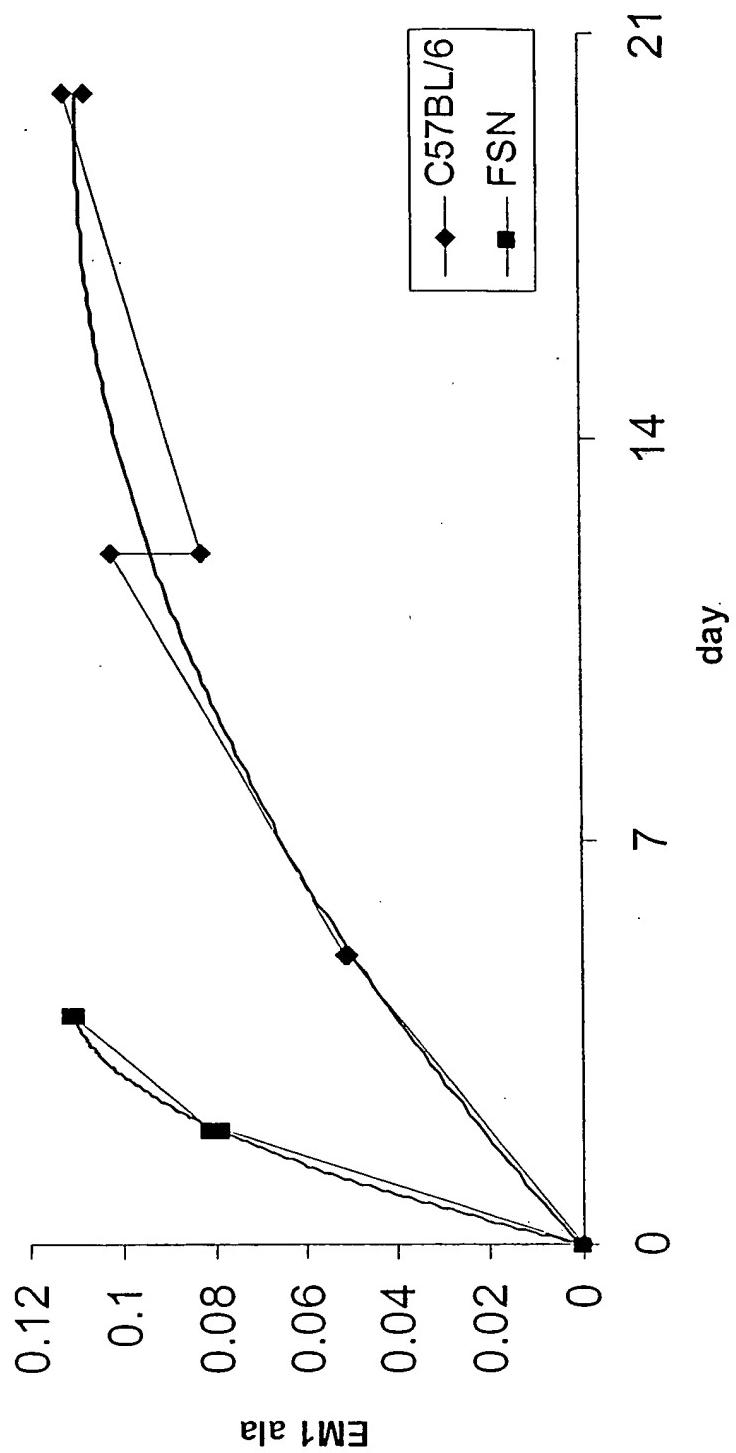


FIG. 7

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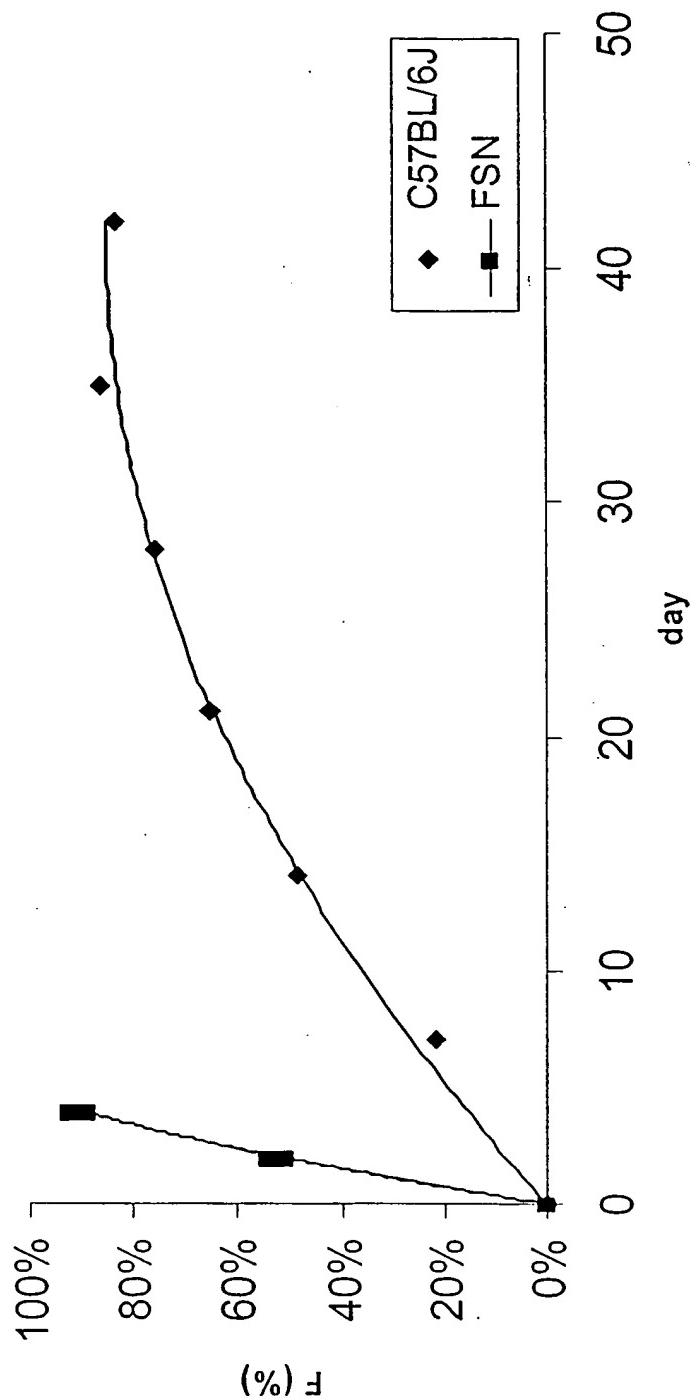
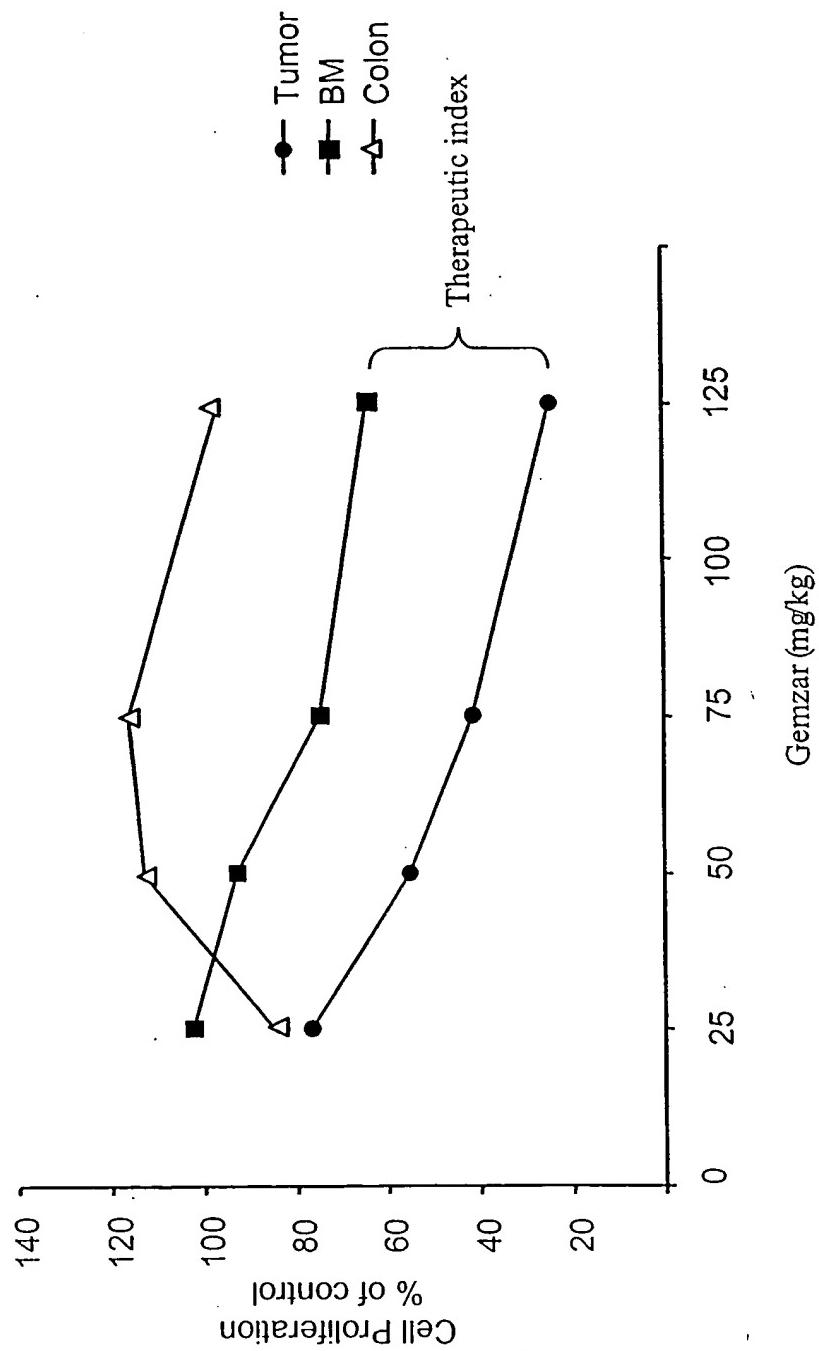


FIG. 8

**FIG. 9**

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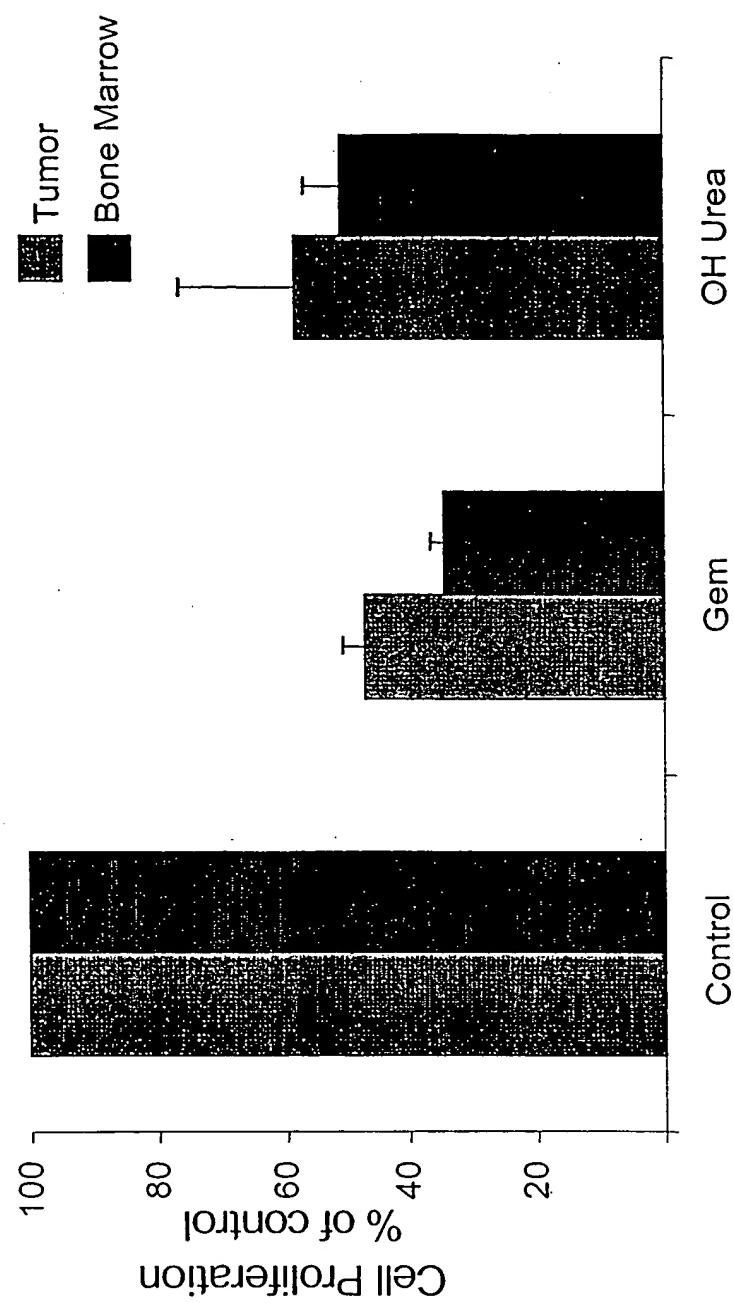
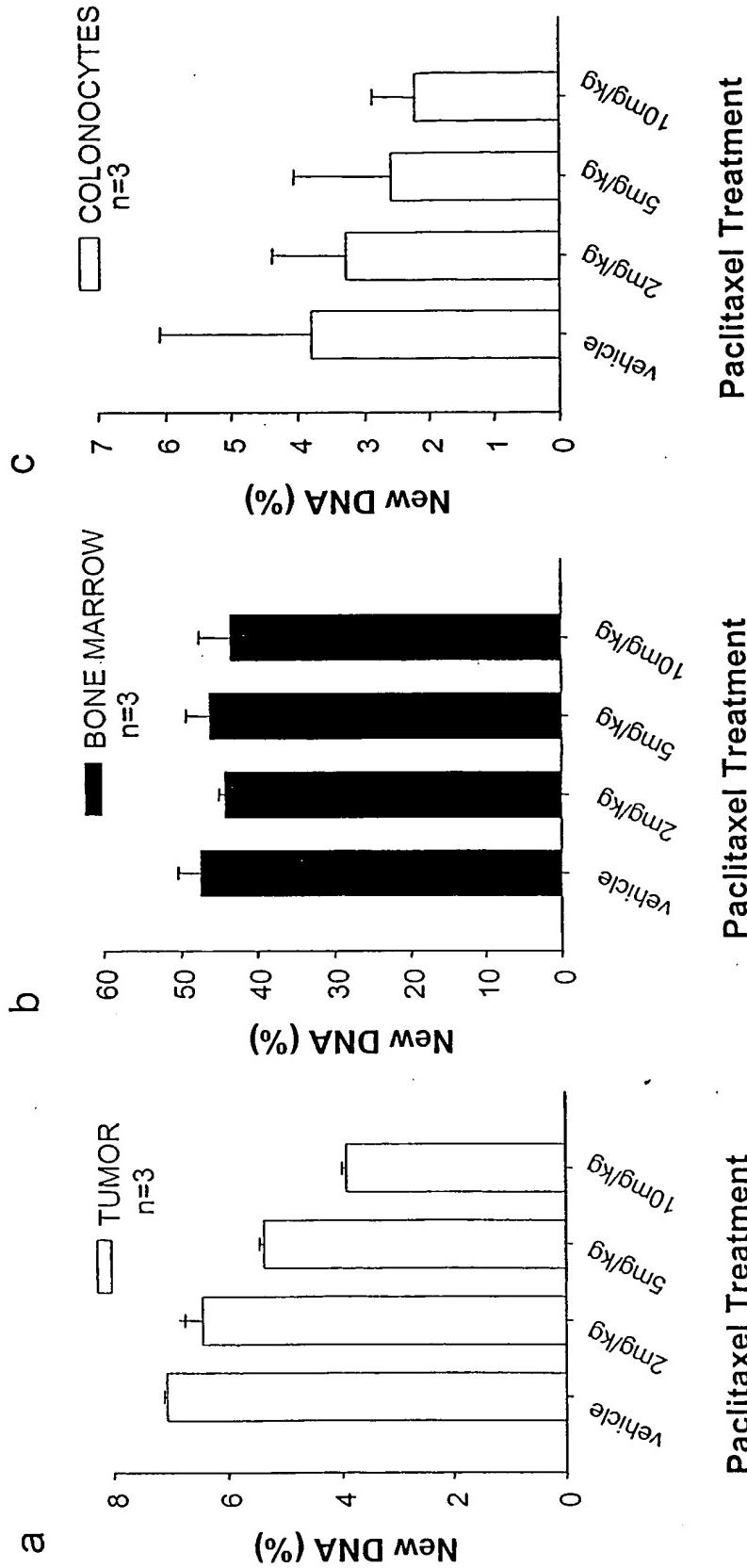


FIG. 10

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**FIG. 11****Best Available Copy**

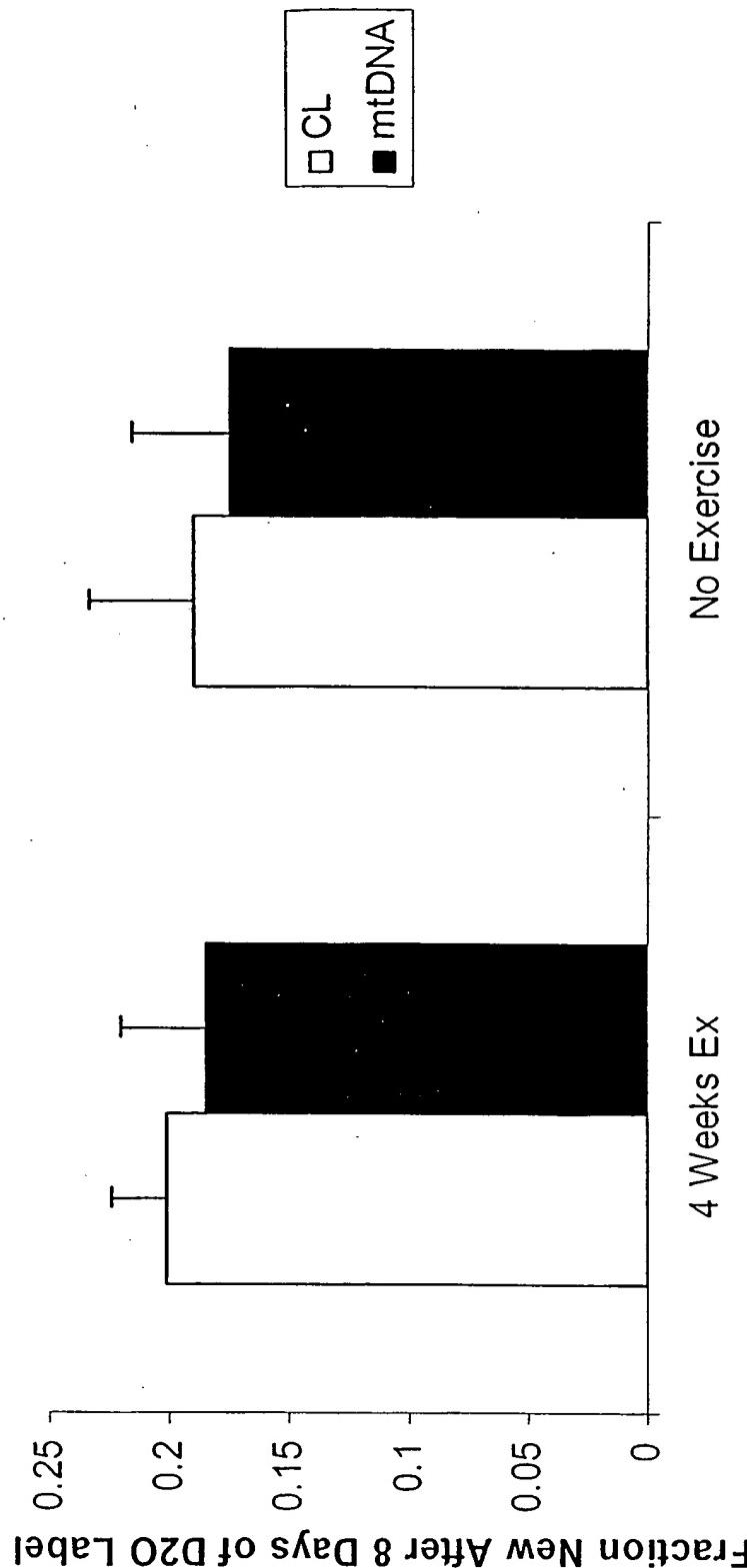
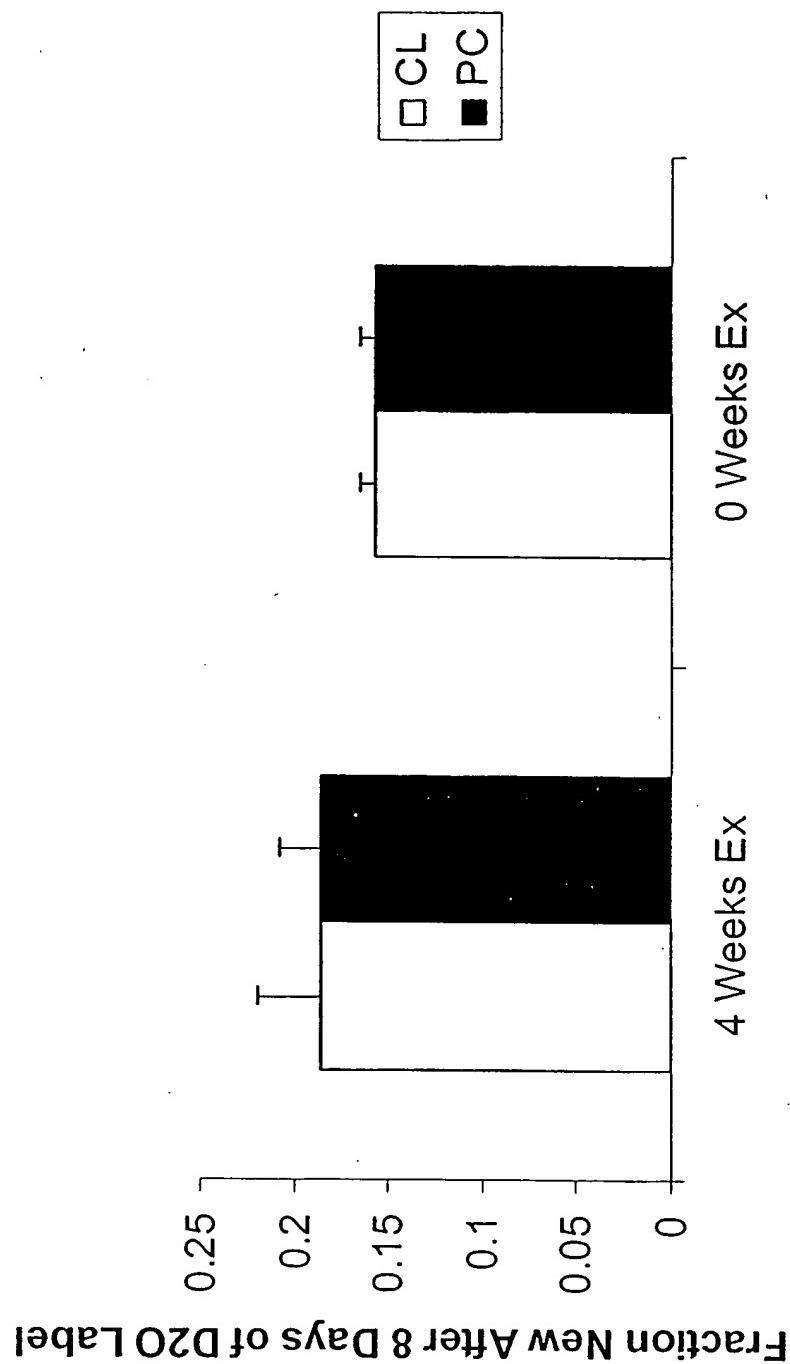


FIG. 12

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FIG. 13

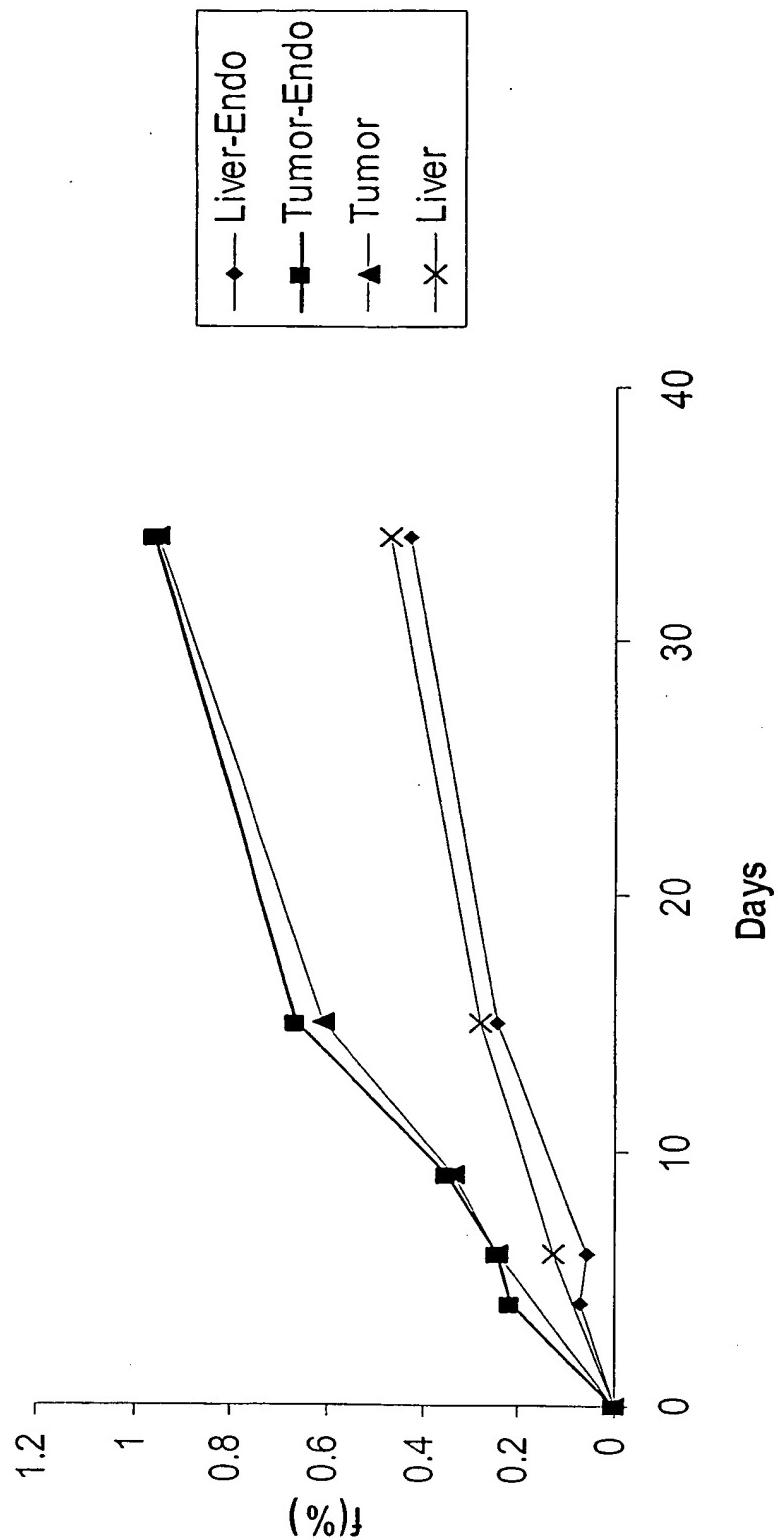


FIG. 14

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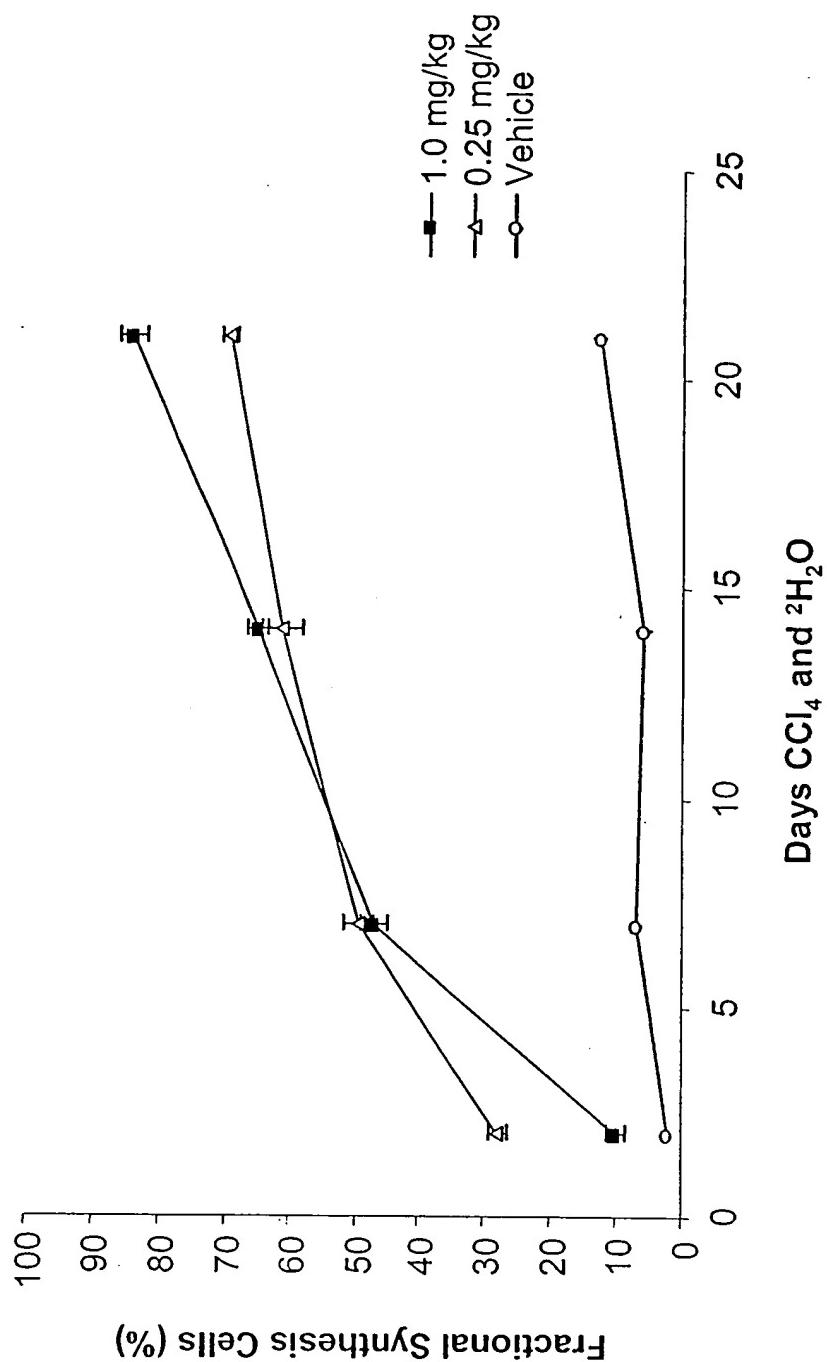


FIG. 15

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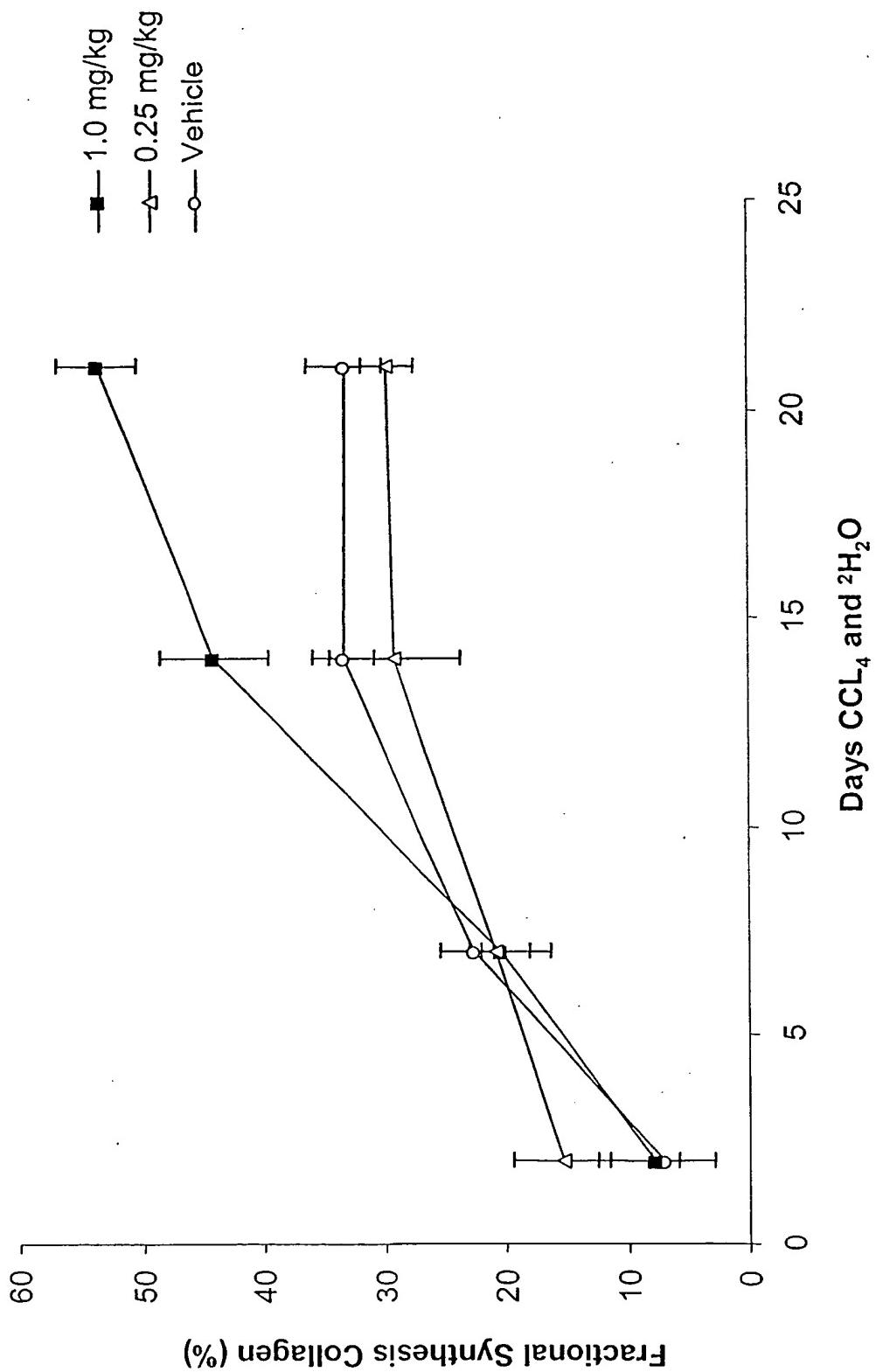


FIG. 16

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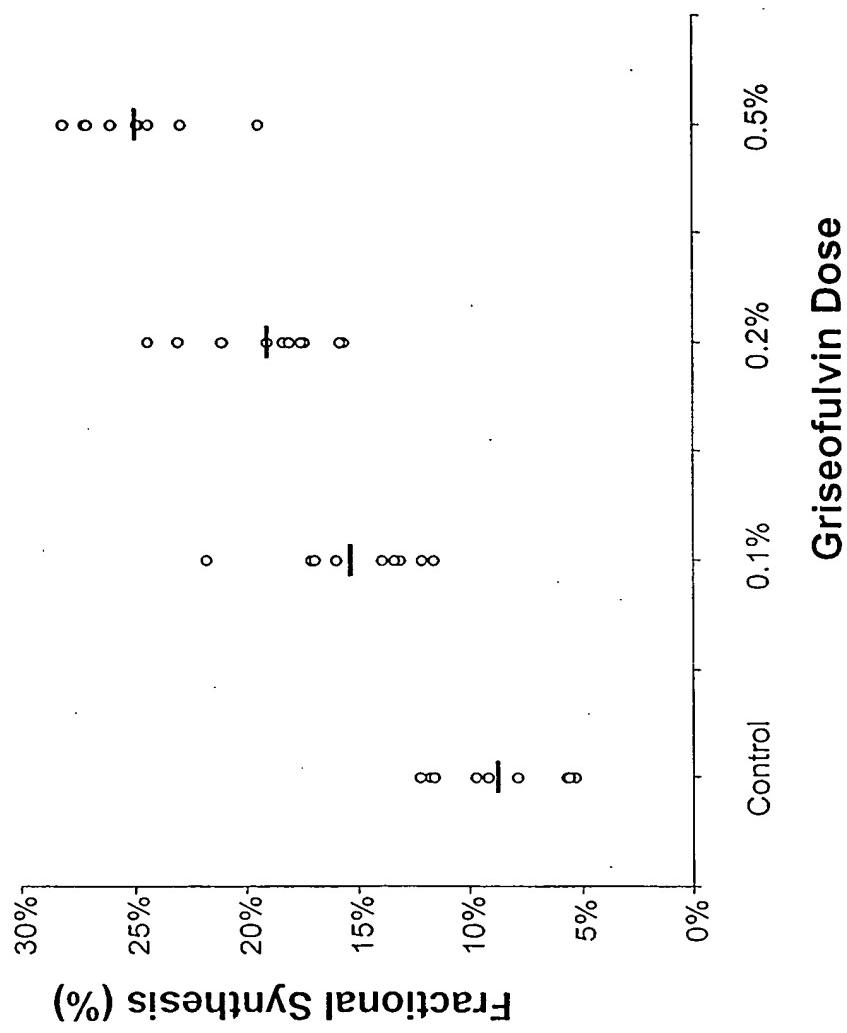


FIG. 17